NIGHTWATCHER NE22SP – 22W AC LED FLOOD LIGHT
INSTRUCTION MANUAL

For customer service, please call +44 (0) 845 900 6764 or email: support@nightwatchersecurity.co.uk

Please read these instructions carefully prior to installation and retain them for future reference.

If in doubt, we recommend you consult a qualified electrician.

LED LAMPS ARE EXTREMELY BRIGHT UNDER NO CIRCUMSTANCES SHOULD YOU STARE INTO AN LED BEAM, THIS MAY CAUSE IRREPARABLE DAMAGE TO THE EYE.

LED LAMPS ARE NON REPLACEABLE

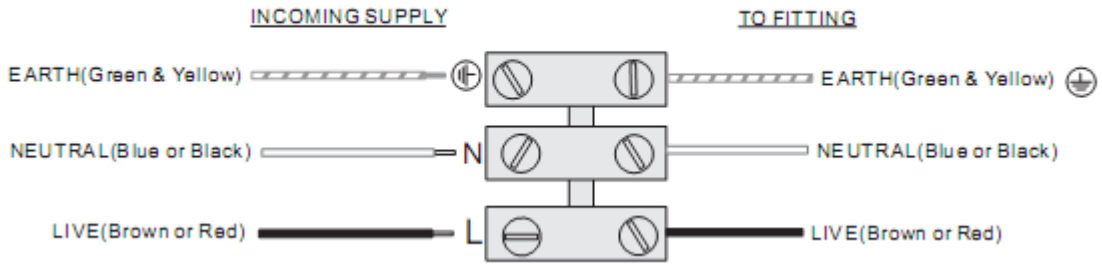
Do not attempt to access / maintain the LED's they are non replaceable and any contact may damage the LED's

INSTALATION LOCATION

- For best results, fix the floodlight on a solid surface, 1.8 – 2Metres above the ground. (8MTR COVERAGE)
- A recommended location is under the house eaves.
- Avoid aiming the motion sensor at pools, heating vents or objects that may change temperature rapidly.
- Try to avoid pointing the unit at trees or shrubs or where passing pets may be detected.
- Prior to mounting, keep in mind that the motion sensor is most sensitive to the motion, which is across the detection field and less sensitive to the motion, which moves directly towards the detector

INSTALLATION / WIRING

- Remove the backplate bracket by undoing the securing screw on the bottom of the backplate
- Choose the desired installation location and mark the fixing points through the backplate bracket. Pre drill the holes taking care not to damage any hidden pipes or cables.
- Pass the incoming cable in through the angled hole, Apply silicon to prevent water entry.
- Fix the backplate bracket to the surface using suitable fixings / plugs for the surface.
- Wire the unit as follows: (Ensure all wires are connected securely and that no loose strands are exposed)



This product must be Earthed

Re attach the Backplate onto the Backplate Bracket and fasten the securing screw.

PIR ADJUSTMENT

On the base of the PIR there are two dials:

TIME DIAL (TIME)

This dial controls how long the light will remain on once activated. It will operate from 5 Seconds to 7 Minutes approx. Turning the dial fully clockwise will set the unit to it longest time setting and fully anti-clockwise will set it at its shortest setting.

DAYLIGHT ADJUSTMENT DIAL (LUX)

This dial sets the floodlight to be activated at different light levels. To set the light to activate only after dark, wait until dusk and turn the dial completely anti-clockwise. Slowly turn the dial clockwise until the light comes on. The light will now activate at the set light level.

RANGE ADJUSTMENT

The PIR sensor is situated 1n a moveable joint. The sensor range can be adjusted by moving the PIR both vertically and horizontally.

MANUAL OVERIDE

To override the AUTO setting and switch to MANUAL, where the light will remain on permanently simply switch the light OFF then ON within two seconds. To return the unit to AUTO mode switch the light OFF then wait for fifteen seconds and switch the unit back on.
Note: If the unit remains on it may have gone into Manual Override mode, to return to auto detection mode see above.

Please be aware that PIR detectors are more sensitive to movement across them than they are to movement towards them. This should be considered when positioning during installation.

SPECIFICATIONS

1.With 1PC 22W AC POWER LED
2.Power Source: AC 220 - 240V/50Hz
3. Power Consumption: 22.5W
3.Lumen Output: 1850 Lumen
4.LED Span Life: 30000 hrs
5.Detection Method: Passive Infrared Sensor
6.Sensor Range: 10M x 180 degree spread (approx)
7.Time Adjustment: 5 seconds to 7 minutes (approx)
8. IP Rating : IP44